

## **PCT**

## INTERNATIONAL SEARCH REPORT

	(PCT Article 18 and Rules 43 and 44)		
- Charles and Char	FOR FURTHER see Notification o	if Transmittal of International Search Report 20) as well as, where applicable, item 5 below.	
pplicant's or agent's file reference	ACTION (Form PCT/ISA/2	20) as well as, where applicable, item 5 below.	
02/209-ve/jl	International filing date (day/month/year)	Earliest) Priority Date (day/month/year)	
nternational application No.	International filling date (day/montal)		
/ 02 / 10090	01/10/2003	25/10/2002	
PCT/EP 03/10890			
Applicant			
MERCK PATENT GMBH			
according to Article 18. A copy is being		thority and is transmitted to the applicant	
The Lateractional Search Report consis	its of a total of sheets.		
This International Search Report Repo	by a copy of each prior art document cited in thi	is report.	
<u> </u>			
1. Basis of the report	to Louis on the b	asis of the international application in the	
	ne international search was carried out on the b unless otherwise indicated under this item.	asis of the international	
the international search	n was carried out on the basis of a translation o	The international appropria	
Authority (Rule 23.1(b)	).	international application, the international search	
<ul> <li>b. With regard to any nucleotide was carried out on the basis of</li> </ul>	the sequence listing:		
represent to the internal	ational application in written form.		
filed together with the i	international application in computer readable in	orm.	
furnished subsequently	y to this Authority in written form.		
!	a shade computer readble form.	the disclosure in the	
the statement that the	subsequently furnished written sequence issur-	g does not go beyond the dissistant and has been	
the statement that the	information recorded in computer readable for	m is identical to the written sequence listing has been	
furnished			
2. Certain claims were	found unsearchable (See Box I).		
3. Unity of invention is	lacking (see Box II).		
J S			
4. With regard to the title,			
The text is approved a	as submitted by the applicant.		
		TOWN CARROYAMIDE DERIVATIV	
	DENZODIOXANYI, AND N-BENZUULI	OXEPINYL ARYLCARBOXAMIDE DERIVATIV G THEM	
ES AND PHARMACEUT	CICAL COMPOSITIONS COMPRISING	G THEM	
5. With regard to the abstract,			
who text is approved	as submitted by the applicant.	thath, as it appears in Box III. The applicant may,	
the text is approved the text has been es	stablished, according to Rule 38.2(b), by this Atom the date of mailing of this international search	uthority as it appears in Box III. The applicant may, ch report, submit comments to this Authority.	
s. The floure of the drawings to b	e published with the abstract is Figure No.		
6. The figure of the diamings to s		X None of the figures.	
as suggested by the	e applicant.		
as suggested by the	e applicant. ant falled to suggest a figure.		

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D317/46 C07D319/20

C07F7/18

C07C65/24

CO7D319/18 C07C65/34

CO7D321/10 CO7C271/12 CO7D405/12 A61K31/357

A61K31/36

A61P3/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D C07F C07C A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal

. DOCUM	ENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	
ζ	WO 01 66553 A (METABASIS THERAPEUTICS) 13 September 2001 (2001-09-13) page 1 -page 4; claims; figure 5.14; table	1,29,31
4	EP 0 350 846 A (HOFFMAN LA ROCHE) 17 January 1990 (1990-01-17) page 1; claims	1,29
X	EP 0 919 542 A (NIHON NOHYAKU) 2 June 1999 (1999-06-02) page 24 -page 27; figures PROC.,7; examples 1099-1105; table 1	15
x	WO 02 28835 A (FUJISAWA) 11 April 2002 (2002-04-11) page 1 -page 32; figures PROC.1,21,A,C; example II	19,20

Y Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  *8* document member of the same patent family
	08/01/2004
23 December 2003	Authorized officer
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Francois, J

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PCT/EP 03/10890

(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Delevent to claim No.
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	FR 2 181 708 A (PHILPS) 7 December 1973 (1973-12-07) examples	21-23
		·

information on patent family members

International Application No PCT/EP 03/10890

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0166553	A	13-09-2001	AU BR CA CZ EP HU JP NO SK WO US	4553201 A 0109062 A 2401706 A1 20023018 A3 1265907 A2 0300344 A2 2003525944 T 20024240 A 12722002 A3 0166553 A2 2002040014 A1	17-09-2001 26-11-2002 13-09-2001 15-01-2003 18-12-2002 28-06-2003 02-09-2003 08-11-2002 01-04-2003 13-09-2001 04-04-2002
EP 350846	A	17-01-1990	ATUUA CE KPSIRUE IL JPPCOOZTSSSXUA	128974 T 626881 B2 3709789 A 1319364 C 58909463 D1 348189 A 0350846 A2 2078905 T3 893433 A ,B, 3018541 T3 50786 A2 70450 B1 90912 A 2053684 C 2076862 A 7086094 B 2051 A 892894 A ,B, 930427 A 229832 A 91158 B 5420273 A 5037825 A 5164387 A 5300522 A 16751 A ,B 140489 A1 8905191 A	15-10-1995 13-08-1992 18-01-1990 22-06-1993 16-11-1995 15-01-1990 01-01-1996 15-01-1990 31-03-1996 28-03-1990 27-11-1996 25-01-1994 23-05-1996 16-03-1990 20-09-1995 17-07-1990 15-01-1990 15-01-1990 26-08-1992 01-03-1995 30-05-1995 06-08-1991 17-11-1992 05-04-1994 01-10-1993 30-06-1991 28-03-1990
EP 919542	A	02-06-1999	AU BR CN CZ EG EP HU JP TR TW US ZA	712421 B2 9329298 A 9805060 A 1222506 A ,B 9803799 A3 22230 A 0919542 A2 9802725 A2 21342 A 11240857 A 329898 A1 9802377 A2 515786 B 2003055287 A1 2001041814 A1 9810677 A	04-11-1999 24-06-1999 21-03-2000 14-07-1999 16-06-1999 30-11-2002 02-06-1999 30-08-1999 27-05-1999 07-09-1999 07-06-1999 21-07-1999 01-01-2003 20-03-2003 15-11-2001 26-05-1999

PCT/EP 03/10890

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0228835	A 11-04-2002	AU 9231501 A BR 0114657 A CA 2425097 A1 CZ 20031230 A3 EP 1326835 A1 WO 0228835 A1 NO 20031540 A	15-04-2002 30-09-2003 11-04-2002 15-10-2003 16-07-2003 11-04-2002 05-06-2003
FR 2181708	A 07-12-1973	NL 7201675 A NL 7215366 A AR 211510 A1 AT 323740 B AU 475423 B2 AU 5179373 A BE 795265 A1 CA 1000279 A1 CH 593285 A5 DE 2303496 A1 DK 138120 B ES 411374 A1 FI 55847 B FR 2181708 A1 GB 1366834 A IL 41471 A JP 1138015 C JP 48086896 A JP 57027112 B PH 14448 A SE 416467 B US 3865832 A US 3959473 A ZA 7300460 A	13-08-1973 16-05-1974 30-01-1978 25-07-1975 19-08-1976 08-08-1974 09-08-1973 23-11-1976 30-11-1977 23-08-1973 17-07-1978 01-07-1976 29-06-1979 07-12-1973 11-09-1974 31-12-1975 11-03-1983 15-11-1973 08-06-1982 23-07-1981 05-01-1981 11-02-1975- 25-05-1976 25-09-1974